

EU PREMIER CSP MEETING PLACE

4th International Concentrated Solar Thermal Power Summit



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November 15-17 2010, Sevilla (Spain) + CSP SITE VISIT on November 18th

Europe's premier CSP meeting place that shows you how to deliver a profitable, productive and commercially successful CSP business

- **Funding CSP Innovation** - how to win financial backing for CSP projects that are both innovative and bankable
- **CSP dispatchability analyzed** - the latest breakthroughs and key facts you need to know about combined cycles, hybridization, thermal storage and more
- **High temperature vs modular** - find out which approach to CSP innovation promises the biggest rewards and is likely to win out long-term
- **Water & CSP** - delve deep into CSP water issues - dry and mixed cooling, the real economics of desalination and the possibility of zero water CSP
- **International CSP markets examined** - find out which markets promise the biggest wins for new CSP development and what types of CSP plant and technology are best suited for each key market
- **Beyond grid parity** - get a glimpse of the real world implications of post grid parity CSP and see how this will change the rules of industry competition

Visit www.csptoday.com/csp for the full agenda

7 reasons to attend this event:

- ✓ More than 700 CSP executives in attendance
- ✓ The most relevant international CSP experience in one room
- ✓ Plan & schedule meetings with other attendees in advance
- ✓ The 40+ most relevant speakers
- ✓ Expo with over 50 stands
- ✓ Technical Workshops before & after the event
- ✓ 7 CSP Today International Award Ceremony with new categories!

SITE VISITS: your chance to see CSP in action

As part of this year's Concentrated Solar Power Summit we are giving you an exclusive chance to visit some of the most groundbreaking CSP site in the world. You will get to see for yourself, up close and personal today's best CSP technology on the ground & producing energy.



OVER 30 SPEAKERS ALREADY CONFIRMED!

Our esteemed speaker line up includes:

- Abengoa
- Abener
- Acciona Energía
- ACS SCE
- CENER
- CIEMAT-PSA
- Desertec Dii
- E.ON
- Eilat- Eilot
- ENEL
- Ferrostaal
- Graphite Energy
- International Energy Agency
- Deutsche Bank
- DLR
- Dow Chemical
- KfW IPEX Bank
- Masdar
- Protermosolar
- Santander
- Solar Millennium
- Solel
- Torresol Energy

For the full speaker list go to latest www.csptoday.com/csp

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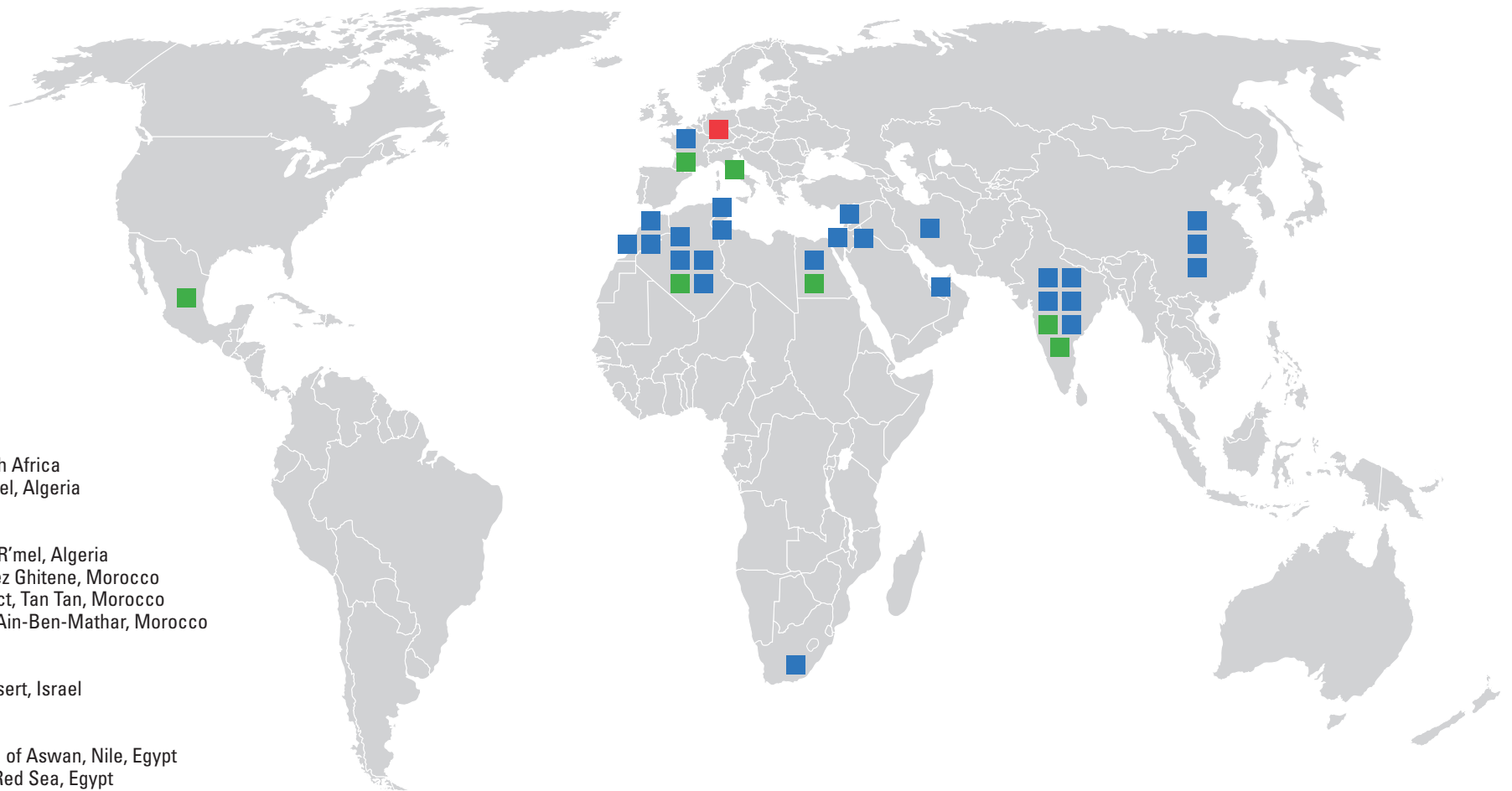
OFFICIAL PARTNERS:



Interested in getting involved in this event as speaker or sponsor? Contact Belén Gallego: belen@csptoday.com

SEE FOLLOWING PAGES FOR CSP PLANT LOCATION MAPS

Map of CSP Worldwide plant locations



Operating

- Jülich, Jülich, Germany

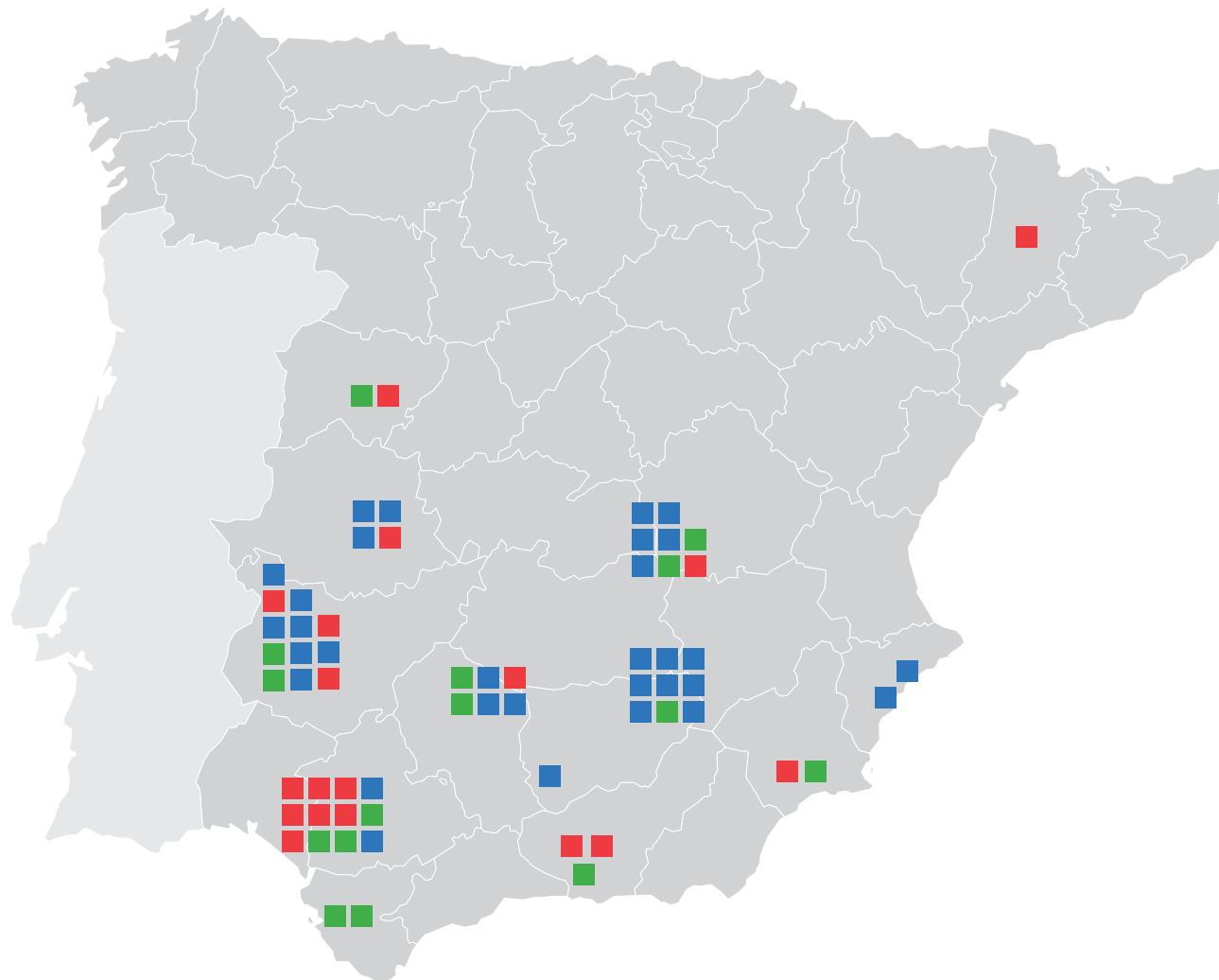
Planning

- Upington, Upington, South Africa
- Hassi-R'mel II, Hassi-R'mel, Algeria
- Meghaïer, Algeria
- Naâma, Algeria
- Hassi-R'mel ISCC, Hassi-R'mel, Algeria
- Ouarzazate Project, Tamez Ghitene, Morocco
- Tan Tan CSP-Desal Project, Tan Tan, Morocco
- Ain-Ben-Mathar ISCC 2, Ain-Ben-Mathar, Morocco
- Thérmiss, Thérmiss, France
- Ashalim, Ashalim, Israel
- Negev Desert, Negev Desert, Israel
- Elmed CSP, Tunisia
- IPP-CSP Project, Tunisia
- Kom Ombo Project, North of Aswan, Nile, Egypt
- Marsa Alam, Hurghada, Red Sea, Egypt
- Shams 1, UAE
- Joan1, Ma'am, Jordan, Jordan
- Yazd ISCC, Luth Desert, Iran
- Bap Project, Bap, Jodpur, India
- Gujarat, India
- Rajasthan, India
- Rajasthan, India
- Uttar Pradesh, India
- Guangdong, China
- Ordos, Inner Mongolia, China
- Inner Mongolia, Xin Jiang, Tibet, China

Under Construction

- Agua Prieta II Project, Sonara State, Mexico
- Ain-Ben-Mathar ISCC, Ain-Ben-Mathar, Morocco
- Archimedes Prototype Project, ENEL Power Station of Priolo, Siracusa, Sicilia, Italy
- PÉGASE, Thérmiss, France
- Kuraymat ISCC, Kuraymat, Egypt
- Acme Rajasthan Solar Power, Jodhpur, Rajasthan, India
- Rajasthan Solar One, Rajasthan, India

CSP Spain plant locations



Under Construction

- Andasol 3, Aldeire, Granada
- Arcosol 50 (Valle 1), San José del Valle, Cádiz
- Manchasol 1, Alcázar de San Juan, Ciudad Real, Castilla-La Mancha
- Renovalia, Albacete, Castilla-La Mancha
- PL. Termosolar 990KW Casas de los Pinos, Villarobledo, Albacete
- Termesol 50 (Valle 2), San José del Valle, Cádiz
- Puerto Errado 2, Calasparra, Murcia
- Extresol 2, Torre de Miguel Sesmero, Badajoz

- PL. Termoelectrta de Palma del Rio I, Palma del Río, Córdoba
- PL. Termoelectrta de Palma del Rio II, Palma del Río, Córdoba
- HelioEnergy 1, Écija, Sevilla
- HelioEnergy 2, Écija, Seville
- Gemasolar (CTS Solar Tres), Fuentes de Andalucía, Sevilla
- Lebrija 1, Lebrija, Sevilla
- Central Solar Termoelectrica La Florida, Alvarado, Badajoz
- Termoelectrica de Majadas, Majadas de Tiétar, Cáceres

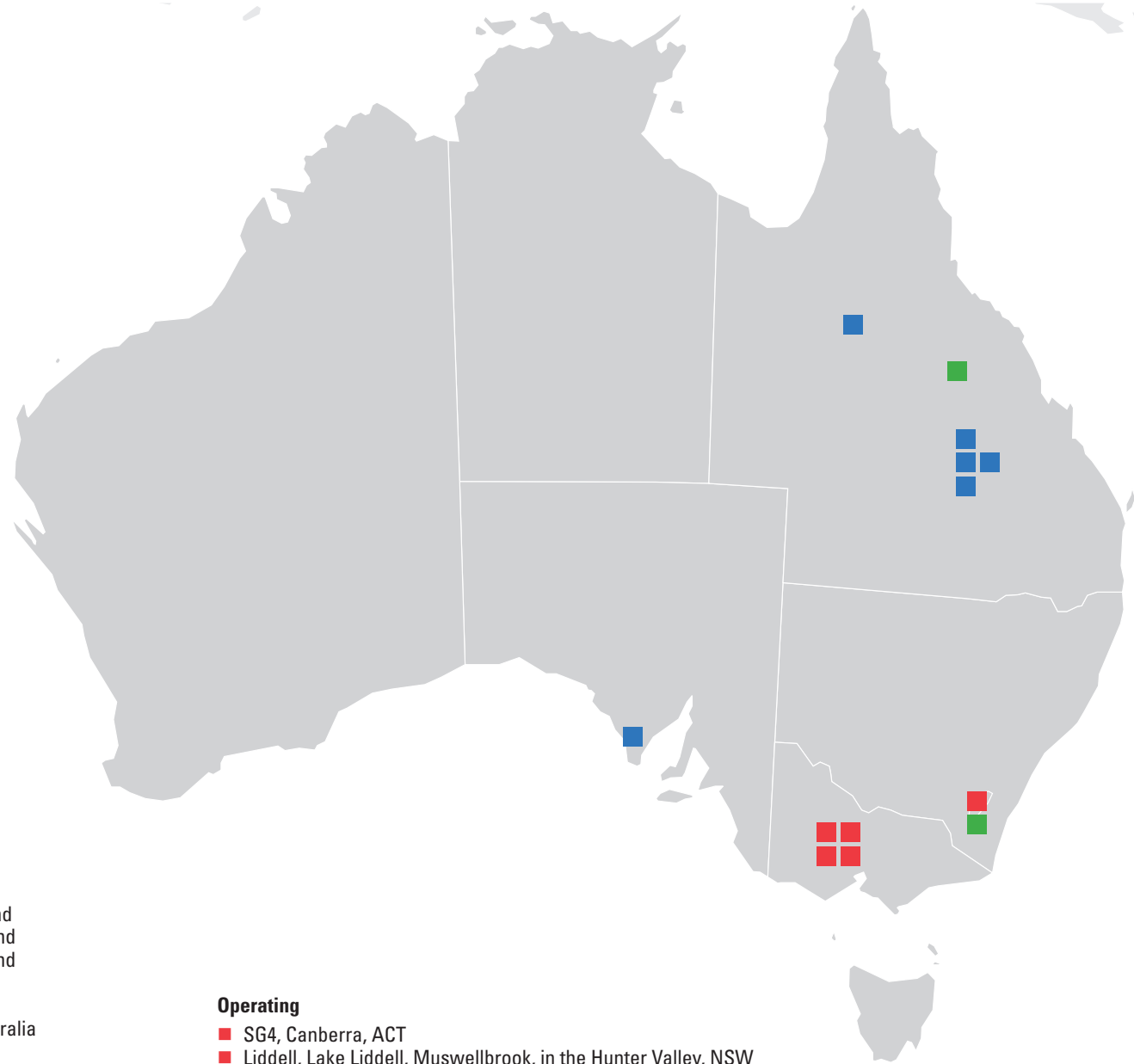
Operating

- Extresol 1, Torres de Miguel Sesmero, Badajoz
- La Risca (Alvarado 1), Alvarado, Badajoz
- PS20, Sanlúcar la Mayor, Sevilla
- Solnova 1, Sanlúcar la Mayor, Sevilla
- Solnova 3, Sanlúcar la Mayor, Sevilla
- Envirodish, Sevilla
- Solnova 4, Sanlúcar la Mayor, Sevilla
- PS10, Sanlúcar la Mayor, Sevilla
- Puertollano Ibersol, Puertollano, Ciudad Real, Castilla-La Mancha
- Andasol 1, Guadix, Granada
- Andasol 2, Guadix, Granada
- Puerto Errado I, Calasparra, Murcia
- Termosolar Borges S.L., Aigües Blanques, Lerida
- C.Solar Termoelectrica Cáceres, Galisteo, Cáceres
- Central Solar Termoelectrica La Dehesa, La Garrovilla
- Solaben I, Logrosán, Cáceres

Planning

- C.Solar Termoelectrica "Astexol-2", Badajoz
- Casablanca, Talarrubias, Badajoz
- PL. Termosolar de Olivenza I, Olivenza, Badajoz
- C. Termosolar "La Africana", Fuente Palmera, Córdoba
- Extremasol 1, Villanueva de la Serena, Badajoz
- Termosol 1, Navalvillar de Pela, Badajoz
- Termosol 2, Navalvillar de Pela, Badajoz
- Solaben II, Logrosán, Cáceres
- Solaben III, Logrosán, Cáceres
- Solaben 6, Logrosán, Cáceres
- Pl. Termoelectrica de Consol Orellana, Orellana la Vieja, Badajoz
- Solarcor 1, El Carpio, Córdoba
- Extresol 3, Torre de Miguel Sesmero, Badajoz
- Arenales PS, Morón de la Frontera, Sevilla
- PL. Termosolar de Morón, Morón de la Frontera, Sevilla
- Helios 1, Ciudad Real, Castilla-La Mancha
- Helios 2, Ciudad Real, Castilla-La Mancha
- Manchasol 2, Alcázar de San Juan, Ciudad Real, Castilla-La Mancha
- Solarcor 2, El Carpio, Córdoba
- C.Solar Termoelectrica "ASTE - 1A", Alcázar de San Juan, Ciudad Real
- C.Solar Termoelectrica "ASTE - 1B", Alcázar de San Juan, Ciudad Real
- PL. Termosolar 10MW Puertollano, Ciudad Real, Castilla-La Mancha
- PL. Termosolar 10MW Puertollano, Ciudad Real, Castilla-La Mancha
- PL. Termosolar 10MW Puertollano, Ciudad Real, Castilla-La Mancha
- PL. Termosolar 8MW Puertollano, Ciudad Real, Castilla-La Mancha
- PL. Termosolar 10MW Puertollano, Ciudad Real, Castilla-La Mancha
- PL. Termosolar 10MW Puertollano, Ciudad Real, Castilla-La Mancha
- PL. Termosolar 14MW Puertollano, Ciudad Real, Castilla-La Mancha
- C.Solar Termoelectrica Enerstar Villena, Villena, Alicante
- C.Solar Termoelectrica Enerstar Villena, Villena, Alicante
- PL. Termosolar 990KW Casas de los Pinos, Villarobledo, Albacete
- Pl.Solar Termoelectrica, Espejo

CSP Australia plant locations



Planning

- Collinsville Power Station, Collinsville, Queensland
- Kogan Creek, Kogan Creek, Chinchilla, Queensland
- Kogan Creek, Kogan Creek, Chinchilla, Queensland
- Kogan Creek Solar Boost, Queensland
- SolarGas, Queensland
- Solar Oasis, Whyalla, Eyre Peninsula, South Australia

Under Construction

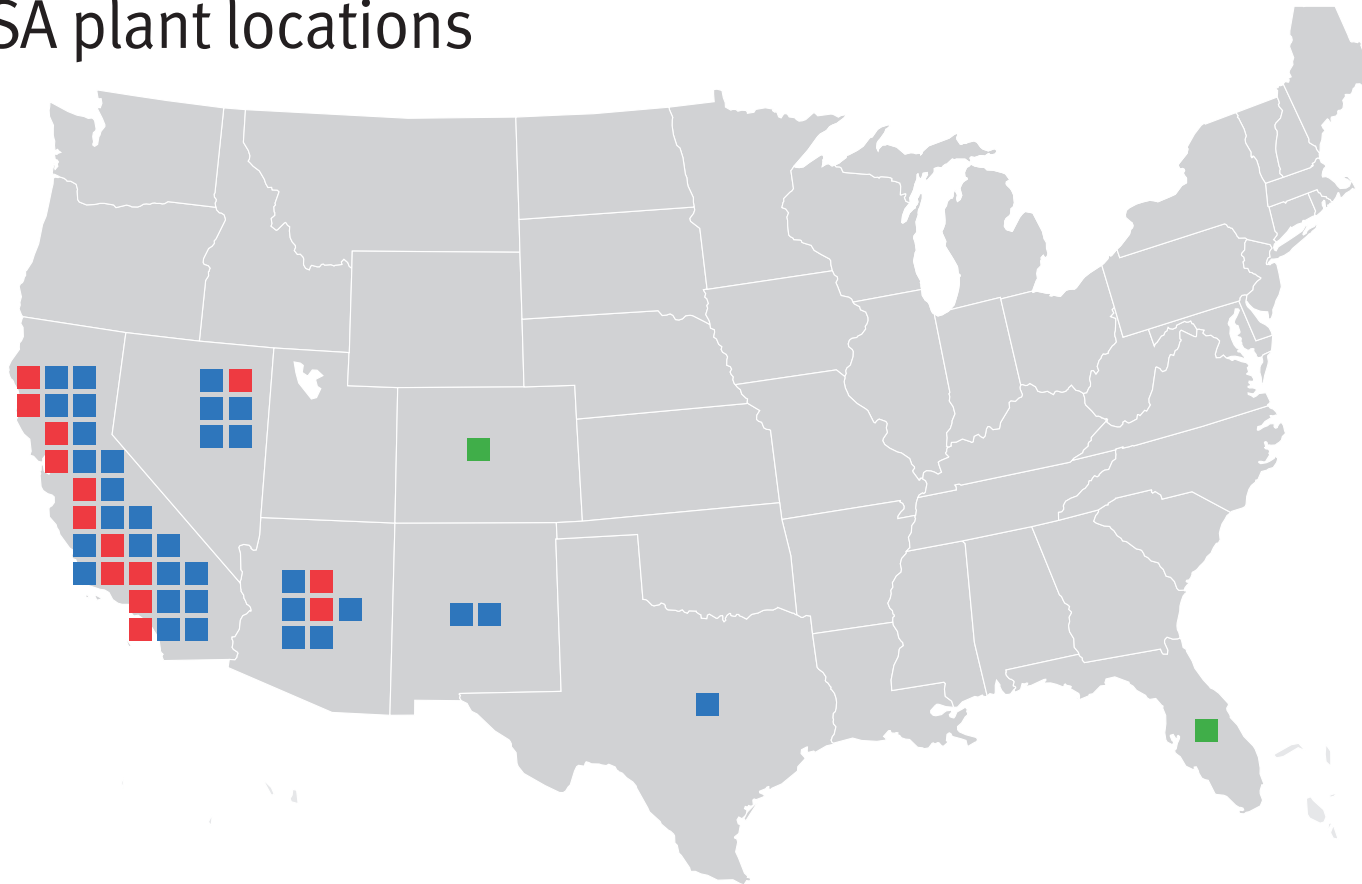
- Big Dish, Canberra, ACT
- Cloncurry Solar Power Station, Cloncurry, Queensland

Operating

- SG4, Canberra, ACT
- Liddell, Lake Liddell, Muswellbrook, in the Hunter Valley, NSW
- National Solar Energy Centre, Newcastle, NSW
- Solar Brayton Cycle demonstration field, Newcastle, NSW
- Liddell Phase 2, Lake Liddell, Muswellbrook, in the Hunter Valley, NSW

CSP USA plant locations

Hawai



Operational

- Nevada Solar One, Boulder City, Nevada
- Maricopa Solar Project, Peoria, Arizona
- Saguaro Power Plant, Red Rock, Tucson, Arizona
- Holaniku, Keyhole Point, Kona, Hawai
- SEGS I, Daggett, Mojave Desert, California
- SEGS II, Daggett, Mojave Desert, California
- SEGS III, Kramer Junction, California
- SEGS IV, Kramer Junction, California
- SEGS V, Kramer Junction, California
- SEGS VI, Kramer Junction, California
- SEGS VII, Kramer Junction, California
- SEGS VIII, Harper Lake, California
- SEGS IX, Harper Lake, California
- Kimberlina, Bakersfield, California
- Ridgecrest Solar , Lancaster, California

Under Construction

- Cameo Coal-Fired Hybrid Demonstration Project, Grand Junction, Colorado
- Martin Next Generation Solar Energy Center, Martin Country, Florida

Planned

- Santa Teresa New Mexico
- Kingman Project, Kingman, Arizona
- Sonoran Solar Energy Project, Maricopa County, Arizona
- Solana, Gila Bend, Arizona
- UA Tech Park Therman Storage Demonstration Project, Tucson, Arizona
- Amargosa Farm Road Solar Energy Project 1, Nye County, Nevada
- Amargosa Farm Road Solar Energy Project 2, Nye County, Nevada
- Crescent Dunes (Tonopah), Tonopah, Nye, Nevada
- Coyote Springs 1, Coyote Springs, Nevada
- Coyote Springs 2, Coyote Springs, Nevada
- Buckeye Landfill Project, Buckeye, Arizona
- Sun Power Tower, Santa Teresa, New Mexico
- Western Ranch, San Antonio, Texas
- Westside Solar Project, Kauai, Hawai
- Rice Solar Power Project, Rice, Mojave Desert, near Blythe
- Abengoa Mojave Solar Project, Harper Lake, San Bernardino Country, California
- Alpine Power Tower Project, Antelope Valley, Lancaster, California
- Beacon, Kern Country, California
- Blythe, Kern Country, California
- Ridgecrest, Kern Country, California
- San Joaquin Solar 1, Coalinga, California
- San Joaquin Solar 2, Coalinga, California
- SES I, Mojave Dessert, California
- SES- Solar 2, Imperial Country, California
- SES Solar One, Victorville, California
- Sky Trough Demonstration, Daggett, California
- Ft Irwin Solar Power Project, Ft. Irwin, California
- Gaskell Sun Power Tower I, Kern Country, California
- Gaskell Sun Power Tower II, Kern Country, California
- Genesis Solar Energy Project, Riverside Country, California
- Harper Lake Solar Plant, Harper Lake, California
- Mojave Solar Park, San Bernardino Country, California
- Palen, Deser Center, Riverside, California
- Palmdale Hybrid Gas-Solar Plant, Palmdale, California
- Victorville Hybrid Gas-Solar Plant, Victorville, California
- Ivanpah, Barstow, California

CSP plant locations

Country	Name	Location	Developer	EPC	MW capacity	Solar MW Capacity	% of total MW	Technology	Storage	Status	Key Date
Algeria	Hassi-R'mel II	Hassi-R'mel	Not assigned		400	70	17.50%	Parabolic Trough		Planning	
Algeria	Meghaier		Not assigned		400	75	18.75%	Parabolic Trough		Planning	
Algeria	Naâma		Not assigned		400	70	17.50%	Parabolic Trough		Planning	
Algeria	Hassi-R'mel ISCC	Hassi-R'mel	Abengoa	Abener	150	25	16.67%	Parabolic Trough		Under construction	
Australia	Liddell	Lake Liddell, Muswellbrook, in the Hunter Valley, New South Wales	Solar Heat and Power Ltd			1		Linear Fresnel		Operating	2004
Australia	Big Dish	Canberra, ACT	ANU			0.32		Dish Stirling		Operating	2009
Australia	National Solar Energy Centre	Newcastle, NSW	CSIRO			0.5		Power Tower		Operating	2009
Australia	Liddell Phase 2	Lake Liddell, Muswellbrook, in the Hunter Valley, New South Wales	AREVA		2000	3	0.0015	Linear Fresnel		Operating	2009
Australia	SG4	Canberra, ACT	ANU			?		Dish Stirling		Operating	?
Australia	Collinsville Power Station	Collinsville, Queensland	Transfield Services			150		Linear Fresnel		Planning	
Australia	Kogan Creek	Kogan Creek, Chinchilla, Queensland	Wind Prospect CWP			250		Linear Fresnel		Planning	
Australia	Kogan Creek	Kogan Creek, Chinchilla, Queensland	Parsons Brinckerhoff			150		Parabolic Trough		Planning	
Australia	Kogan Creek Solar Boost	Queensland	CS Energy			23		Linear Fresnel		Planning	
Australia	SolarGas	Queensland	CSIRO			4		Power Tower		Planning	
Australia	Solar Oasis	Whyalla, Eyre Peninsula, South Australia	NP Power			40		Dish Stirling		Planning	
Australia		Queensland or South Australia	Acciona			200		Parabolic Trough		Planning	
Australia	Solar Brayton Cycle demonstration field	Newcastle, NSW	CSIRO			0.2		Power Tower		Under construction	April 2010 break ground
Australia	Cloncurry Solar Power Station	Cloncurry, Queensland State	Lloyd Energy Systems Pty Ltd (LES)			10		Power Tower	Yes	Under construction	
China	-	Guangdong	CAMDA New Energy			1		Parabolic Trough		Planning	
China		Ordos, Inner Mongolia	Inner Mongolia Ruyi Industry Co.Ltd + Solar Millenium AG		1000	50	5.00%	Parabolic Trough		Planning	
China	-	Inner Mongolia, Xin Jiang, Tibet	Not known			200		Parabolic Trough		Planning	
China	-	-	Nanjing Zhongcaitiancheng New Energy Company			0.1		Parabolic Trough		Planning	
Egypt	Kom Ombo Project	North of Aswan, Nile	Not assigned			70		Parabolic Trough		Planning	
Egypt	Marsa Alam	Hurghada, Red Sea	Not assigned			30		Parabolic Trough	8 hours	Planning	
Egypt	Kuraymat ISCC	Kuraymat	Iberdrola - Mitsui	Orascum and Flagsol	150	40	26.67%	Parabolic Trough		Under construction	
France	Thérmiss	Thérmiss	Not known			50		Dish Stirling		Planning	
France	PÉGASE	Thérmiss	CNRS		5.9	1.4	23.73%	Power Tower		Under construction	
Germany	Jülich	Jülich	Kraftanlagen München (KRAM)			1.5		Power Tower		Operating	2008
India	Bap Project	Bap, Jodpur, India	Dalmia Cements			10		Dish Stirling		Planning	
India		Gujarat	Sunbourne Energy Ltd.			50		Parabolic Trough		Planning	
India		Rajasthan	Entegra		30	30		Parabolic Trough	8 hours	Planning	
India		Rajasthan	NTPC			15		Parabolic Trough		Planning	
India		Uttar Pradesh	NTPC			25		Parabolic Trough		Planning	
India	Acme Rajasthan Solar Power	Jodhpur, Rajasthan	Acme	Acme/eSolar		10		Power Tower		Under construction	

CSP plant locations *continued*

Country	Name	Location	Developer	EPC	MW capacity	Solar MW Capacity	% of total MW	Technology	Storage	Status	Key Date
India	Rajasthan Solar One	Rajasthan	Entegra	Techint/Solare XXI		10		Parabolic Trough	8 hours	Under construction	
Iran	Yazd ISCC	Luth Desert	Not known		382.32	352	92.07%	Parabolic Trough		Planning	
Israel	Ashalim	Ashalim, Israel	Israel Electric Company			190		Parabolic Trough		Planning	
Israel	Negev Desert	Negev Desert	Not known			250		Parabolic Trough		Planning	
Italy	Archimedes Prototype Project, ENEL Power Station of Priolo	Siracusa, Sicilia	ENEL y ENEA		30	5	16.67%	Parabolic Trough	8 hours	Under construction	July 2008 break ground
Jordan	Joan1	Ma'am, Jordan	MENA Cleantech			100		Linear Fresnel		Planning	
Mexico	Agua Prieta II Project	Sonara State	CFE		465	12	2.58%	Parabolic Trough		Under construction	
Morocco	Ain-Ben-Mathar ISSC 2	Ain-Ben-Mathar	ONE			125		Parabolic Trough		Planning	
Morocco	Ouarzazate Project	Tamez Ghitene	ONE			100		Parabolic Trough		Planning	
Morocco	Tan Tan CSP-Desal Project	Tan Tan	Not assigned			50		Undecided		Planning	
Morocco	Ain-Ben-Mathar ISSC	Ain-Ben-Mathar	Abengoa	Abener	470	30	6.38%	Parabolic Trough		Under construction	2007 break ground
Portugal	1		Solar Heat and Power Ltd			6.5		Linear Fresnel		Planning	
Portugal	2		Solar Heat and Power Ltd			6.5		Linear Fresnel		Planning	
South Africa		not known	Exxaro			100		not known		Planning	
South Africa	Upington	Upington	Eskom			100		Power Tower	14 hours	Planning	
Spain	PS10	Sanlucar la Mayor, Sevilla, Andalucía	Abengoa Solar	Abener		11		Power Tower	1 hour	Operating	2007
Spain	Andasol 1	Guadix, Granada, Andalucía	ACS-Cobra	Cobra (80%) and Sener (20%)		50		Parabolic Trough	7.5 hours	Operating	2008
Spain	Puerto Errado I	Calasparra, Murcia	Novatec Solar España	Novatec Solar España		1.4		Linear Fresnel		Operating	2008
Spain	Andasol 2	Guadix, Granada, Andalucía	ACS-Cobra			50		Parabolic Trough	7.5 hours	Operating	2009
Spain	Extresol 1	Torres de Miguel Sesmero, Badajoz, Extremadura	ACS-Cobra	Cobra (80%) and Sener (20%)		50		Parabolic Trough	7.5 hours	Operating	2009
Spain	La Risca (Alvarado 1)	Alvarado, Badajoz, Extremadura	Acciona Energía	Acciona Energía		50		Parabolic Trough		Operating	2009
Spain	PS20	Sanlucar la Mayor, Sevilla, Andalucía	Abengoa Solar	Abener		20		Power Tower	1 hour	Operating	2009
Spain	Puertollano Ibersol	Puertollano, Ciudad Real, Castilla la Mancha	Iberdrola Renovables			50		Parabolic Trough		Operating	2009
Spain	Solnova 1	Sanlucar la Mayor, Sevilla, Andalucía	Abengoa Solar	Abener		50		Parabolic Trough		Operating	2009
Spain	Solnova 3	Sanlucar la Mayor, Sevilla, Andalucía	Abengoa Solar	Abener		50		Parabolic Trough		Operating	2009
Spain	Central Solar Termoelectrica La Florida	Alvarado, Badajoz, Extremadura	SAMCA Renovables	several contractors		50		Parabolic Trough	7.5 hours	Operating	2010
Spain,	Envirodish	Sevilla, Andalucía	ESI			0.01		Dish Stirling		Operating	2008
Spain	Extresol 3	Torre de Miguel Sesmero, Badajoz, Extremadura	ACS-Cobra	Cobra Instalaciones y Servicios		50		Parabolic Trough	7.5 hours	Planning	
Spain	Helios 1	Ciudad Real, Castilla la Mancha	Hyperion Energy			50		Parabolic Trough	4 hours	Planning	
Spain	Helios 2	Ciudad Real, Castilla la Mancha	Hyperion Energy			50		Parabolic Trough	4 hours	Planning	
Spain	Manchasol 2	Alcázar de San Juan, Ciudad Real, Castilla la Mancha	ACS-Cobra	Cobra Instalaciones y Servicios		50		Parabolic Trough	7.5 hours	Planning	
Spain	PL. Termosolar de Morón	Morón de la Frontera, Sevilla, Andalucía	Fotowatio			50		Parabolic Trough	7.5 hours	Planning	
Spain	Solaben II	Logrosán, Cáceres, Extremadura	Solaben Electricidad			50		Parabolic Trough	4 hours	Planning	
Spain	Solaben III	Logrosán, Cáceres, Extremadura	Solaben Electricidad			50		Parabolic Trough	4 hours	Planning	

CSP plant locations *continued*

Country	Name	Location	Developer	EPC	MW capacity	Solar MW Capacity	% of total MW	Technology	Storage	Status	Key Date
Spain	Termosol 1	Navalvillar de Pela, Badajoz	NextEra Energy Resources			50		Parabolic Trough	9 hours	Planning	
Spain	Termosol 2	Navalvillar de Pela, Badajoz	NextEra Energy Resources			50		Parabolic Trough	9 hours	Planning	
Spain	Termosolar Borges S.L.	Aiguës Blanques, Lerida	Abantia			22		Parabolic Trough		Planning	
Spain	C.Solar Termoelectrica Caceres	Galisteo, Cáceres	Acciona Solar Power			50		Parabolic Trough		Planning	
Spain	C.Solar Termoelectrica Enerstar Villena	Villena,Alicante	Enerstar Villena, SA			50		Parabolic Trough		Planning	
Spain	Extremasol 1	Villanueva de la Serena, Badajoz, Extremadura	Ibersol Electricidad Solar Iberica (50% Solar Millenium, 50% Neo Energia)			50		Parabolic Trough	6 hours	Planning	
Spain	Pl. Termoelectrica de Consol Orellana	Orellana la Vieja, Badajoz, Extremadura	Acciona			50		Parabolic Trough	6 hours	Planning	
Spain	PL. Termosolar 10MW Puertollano	Puertollano, Ciudad Real, Castilla la Mancha	Renovalia Energy			10		Dish Stirling		Planning	
Spain	PL. Termosolar 10MW Puertollano	Puertollano, Ciudad Real, Castilla la Mancha	Renovalia Energy			10		Dish Stirling		Planning	
Spain	PL. Termosolar 10MW Puertollano	Puertollano, Ciudad Real, Castilla la Mancha	Renovalia Energy			10		Dish Stirling		Planning	
Spain	PL. Termosolar 10MW Puertollano	Puertollano, Ciudad Real, Castilla la Mancha	Renovalia Energy			10		Dish Stirling		Planning	
Spain	PL. Termosolar 8MW Puertollano	Puertollano, Ciudad Real, Castilla la Mancha	Renovalia Energy			8		Dish Stirling		Planning	
Spain	PL. Termosolar 10MW Puertollano	Puertollano, Ciudad Real, Castilla la Mancha	Renovalia Energy			10		Dish Stirling		Planning	
Spain	PL. Termosolar 10MW Puertollano	Puertollano, Ciudad Real, Castilla la Mancha	Renovalia Energy			10		Dish Stirling		Planning	
Spain	PL. Termosolar 14MW Puertollano	Puertollano, Ciudad Real, Castilla la Mancha	Renovalia Energy			8		Dish Stirling		Planning	
Spain	Solaben 6	Logrosán, Cáceres, Extremadura	Solaben Electricidad			50		Parabolic Trough		Planning	
Spain	Solaben I	Logrosán, Cáceres, Extremadura	Solaben Electricidad			50		Parabolic Trough		Planning	
Spain	Solarcor 1	El Carpio, Córdoba	Solacar Electricidad			50		Parabolic Trough		Planning	
Spain	Solarcor 2	El Carpio, Córdoba	Solacar Electricidad			50		Parabolic Trough		Planning	
Spain	Arenales PS	Morón de la Frontera, Sevilla, Andalucía	Arenales Solar PS			50		Parabolic Trough	7.5 hours	Planning	
Spain	C. Termosolar "La Africana"	Fuente Palmera, Córdoba	Magtel			50		Parabolic Trough	7.5 hours	Planning	
Spain	C.Solar Termoelectrica "ASTE - 1A"	Alcázar de San Juan, Ciudad Real	Dioxipe Solar (Elecnor, Aries, EISER)			50		Parabolic Trough	7.5 hours	Planning	
Spain	C.Solar Termoelectrica "ASTE - 1B"	Alcázar de San Juan, Ciudad Real	Dioxipe Solar (Elecnor, Aries, EISER)			50		Parabolic Trough	7.5 hours	Planning	
Spain	C.Solar Termoelectrica "Astexol-2"	Badajoz	Dioxipe Solar (Elecnor, Aries, EISER)			50		Parabolic Trough	7.5 hours	Planning	
Spain	Casablanca	Talarrubias, Badajoz, Extremadura	Serrezuela Solar II, S.L. (Fotowatio)			50		Parabolic Trough		Planning	
Spain	Pl.Solar Termoelectrica	Espejo, Córdoba	Not Assigned			50		Parabolic Trough		Planning	
Spain	PL. Termosolar 990KW Casas de los Pinos	Villarobledo, Albacete	Renovalia Energy			1		Dish Stirling		Under Construction	
Spain	Puerto Errado 2	Calasparra, Murcia	Novatec Solar España			30		Linear Fresnel		Under Construction	
Spain	Andasol 3	Aldeire, Granada	Solar Millenium			50		Parabolic Trough		Under construction	
Spain	Arcosol 50 (Valle 1)	San José del Valle, Cádiz	Torresol Energy	UTE Valle 1		50		Parabolic Trough	7.5 hours	Under construction	
Spain	Central Solar Termoelectrica La Dehesa	La Garrovilla (Badajoz)	SAMCA Renovables	several contractors		50		Parabolic Trough	7.5 hours	Under construction	
Spain	Extresol 2	Torre de Miguel Sesmero, Badajoz, Extremadura	ACS/Cobra Group	Cobra Instalaciones y Servicios		50		Parabolic Trough	7.5 hours	Under construction	
Spain	Gemasolar (CTS Solar Tres)	Fuentes de Andalucía, Sevilla, Andalusia	Torresol Energy	UTE C.T. Solar Tres	50	17	34.00%	Power Tower	15 hours	Under construction	
Spain	HelioEnergy 1	Écija, Sevilla, Andalucía	Abengoa Solar / E.ON	Abener/Teyma		50		Parabolic Trough		Under construction	
Spain	HelioEnergy 2	Écija, Seville, Andalucía	Abengoa Solar / E.ON	Abener/Teyma		50		Parabolic Trough		Under construction	

CSP plant locations *continued*

Country	Name	Location	Developer	EPC	MW capacity	Solar MW Capacity	% of total MW	Technology	Storage	Status	Key Date
Spain	Lebrija 1	Lebrija, Sevilla, Andalucía	Solucia Renovables 1, S.L.	Soleval Renovables, S.		50		Parabolic Trough		Under construction	
Spain	Manchasol 1	Alcázar de San Juan, Ciudad Real, Castilla la Mancha	ACS/Cobra Group	Cobra Instalaciones y Servicios		50		Parabolic Trough	7.5 hours	Under construction	
Spain	PL. Termoelectrica de Palma del Rio I	Palma del Río, Córdoba	Acciona Energía	Acciona Energía		50		Parabolic Trough		Under construction	
Spain	PL. Termoelectrica de Palma del Rio II	Palma del Río, Córdoba	Acciona Energía	Acciona Energía		50		Parabolic Trough		Under construction	
Spain	Renovalia	Albacete, Castilla, La Mancha	Renovalia Energy			1		Dish Stirling		Under construction	
Spain	Solnova 4	Sanlúcar la Mayor, Sevilla, Andalucía	Abengoa Solar	Abengoa Solar		50		Parabolic Trough		Operating	
Spain	Termesol 50 (Valle 2)	San José del Valle, Cádiz, Andalucía	Torresol Energy	UTE Valle 2		50		Parabolic Trough	7.5 hours	Under construction	
Spain	Termoelectrica de Majadas	Majadas de Tiétar, Cáceres, Extremadura	Acciona Energía	Acciona Energía		50		Parabolic Trough		Under construction	
Spain	PL. Termosolar de Olivenza I	Olivenza, Badajoz, Extremadura	Iberoica Solar			50		Parabolic Trough	7.5 hours	Planning	
Tunisia	Elmed CSP – Project		Not assigned		1,200	100	8.33%	Parabolic Trough		Planning	
Tunisia	IPP-CSP Project	location to be determined	Not assigned			100		Parabolic Trough		Planning	
UAE	Shams 1	UAE	Abengoa -Total JV			100		Parabolic Trough		Planning	
USA	SEGS I	Dagett, Mojave Desert, California	NextEra Energy Resources	NextEra Energy Resources		13.8		Parabolic Trough		Operating	1984
USA	SEGS II	Dagett, Mojave Desert, California	NextEra Energy Resources	NextEra Energy Resources		30		Parabolic Trough		Operating	1986
USA	SEGS III	Kramer Junction, California	NextEra Energy Resources	NextEra Energy Resources		30		Parabolic Trough		Operating	1987
USA	SEGS IV	Kramer Junction, California	NextEra Energy Resources	NextEra Energy Resources		30		Parabolic Trough		Operating	1987
USA	SEGS VI	Kramer Junction, California	NextEra Energy Resources	NextEra Energy Resources		30		Parabolic Trough		Operating	1988
USA	SEGS V	Kramer Junction, California	NextEra Energy Resources	NextEra Energy Resources		30		Parabolic Trough		Operating	1989
USA	SEGS VII	Kramer Junction, California	NextEra Energy Resources	NextEra Energy Resources		30		Parabolic Trough		Operating	1989
USA	SEGS VIII	Harper Lake, California	NextEra Energy Resources	NextEra Energy Resources		80		Parabolic Trough		Operating	1990
USA	SEGS IX	Harper Lake, California	NextEra Energy Resources	NextEra Energy Resources		80		Parabolic Trough		Operating	1991
USA	Saguaro Power Plant	Red Rock, Tucson, Arizona	Acciona Solar Power (Solargenix)	Solargenix		1.16		Parabolic Trough		Operating	2006
USA	Nevada Solar One	Boulder City, Nevada	Acciona Solar Power	Lauren Engineering		64		Parabolic Trough	30 minutes	Operating	2007
USA	Kimberlina	Bakersfield, California	AREVA/Ausra			5		Linear Fresnel		Operating	2008
USA	Holaniku, Keyhole Point	Kona, Hawai	Sopogy			2		Parabolic Trough		Operating	2009
USA	Ridgecrest Solar	Lancaster, California	eSolar			5		Power Tower		Operating	2009
USA	Maricopa Solar Project	Peoria, Arizona	Tessera Solar	Mortenson Construction		1.5		Dish Stirling		Operating	2010
USA	Abengoa Mojave Solar Project	Harper Lake, San Bernardino County, California	Mojave Solar, LLC ; Abengoa Solar, Inc.			250		Parabolic Trough		Planning	
USA	Alpine Power Tower Project	Antelope Valley, Lancaster, California	eSolar			92		Power Tower		Planning	
USA	Amargosa Farm Road Solar Energy Project 1	Nye County, Nevada	Solar Millenium			242		Parabolic Trough		Planning	

CSP plant locations *continued*

Country	Name	Location	Developer	EPC	MW capacity	Solar MW Capacity	% of total MW	Technology	Storage	Status	Key Date
USA	Amargosa Farm Road Solar Energy Project 2	Nye County, Nevada	Solar Millenium			242		Parabolic Trough		Planning	
USA	Beacon	Kern Country, California	NextEra Energy Resources			250		Parabolic Trough		Planning	
USA	Blythe	Kern Country, California	Solar Millenium, Chevron Energy Solutions			1000		Parabolic Trough		Planning	
USA	Buckeye Landfill Project	Buckeye, Arizona	Tessera Solar			150		Dish Stirling		Planning	
USA	Coyote Springs 1	Coyote Springs, Nevada	BrightSource Energy			200		Power Tower		Planning	
USA	Coyote Springs 2	Coyote Springs, Nevada	BrightSource Energy			200		Power Tower		Planning	
USA	Crescent Dunes (Tonopah)	Tonopah, Nye, Nevada	SolarReserve's Tonopah Solar Energy, LLC			100		Power Tower		Planning	
USA	Ft Irwin Solar Power Project	Ft. Irwin, California	Acciona Solar Power			980		Parabolic Trough		Planning	
USA	Gaskell Sun Power Tower I	Kern Country, California	eSolar			140		Power Tower		Planning	
USA	Gaskell Sun Power Tower II	Kern Country, California	eSolar			105		Power Tower		Planning	
USA	Genesis Solar Energy Project	Riverside Country, California	Genesis Solar, LLC ; NextEra Energy Resources, LLC			250		Parabolic Trough		Planning	
USA	Harper Lake Solar Plant	Harper Lake, California	Harper Lake LLC			250		Parabolic Trough		Planning	
USA	Kingman Project	Kingman, Arizona	Albiasa			200		Parabolic Trough		Planning	
USA	Mojave Solar Park	San Bernardino Country, California	Solel			553		Parabolic Trough		Planning	
USA	Palen	Deser Center, Riverside, California	Solar Millenium, Chevron Energy Solutions			500		Parabolic Trough		Planning	
USA	Palmdale Hybrid Gas-Solar Plant	Palmdale, California	Inland Energy, Inc		617	50	8.10%	Parabolic Trough		Planning	
USA	Rice Solar Power Project	Rice, Mojave Desert, near Blythe	SolarReserve's Rice Solar Energy, LLC			150		Power Tower	YES	Planning	
USA	Ridgecrest	Kern Country, California	Solar Millenium			250		Parabolic Trough		Planning	
USA	San Joaquin Solar 1	Coalinga, California	San Joaquin Solar, LLC			53.4		Parabolic Trough		Planning	
USA	San Joaquin Solar 2	Coalinga, California	San Joaquin Solar, LLC			53.4		Parabolic Trough		Planning	
USA	Santa Teresa New Mexico Sun Power Tower	Santa Teresa, New Mexico	eSolar			92		Power Tower		Planning	
USA	SES I	Mojave Dessert, California	NextEra Energy Resources			500		Dish Stirling		Planning	
USA	SES- Solar 2	Imperial Country, California	Tessera Solar			750		Dish Stirling		Planning	
USA	SES Solar One	Victorville, California	Tessera Solar/ Stirling Energy System			850		Dish Stirling		Planning	
USA	Sky Trough Demonstration	Daggett, California	SkyFuel			43		Parabolic Trough		Planning	
USA	Solana	Gila Bend, Arizona	Abengoa			280		Parabolic Trough	6 hours	Planning	
USA	Sonoran Solar Energy Project	Maricopa County, Arizona	Boulevard Associates			375		Parabolic Trough		Planning	
USA	UA Tech Park Therman Storage Demonstration Project	Tucson, Arizona	Bell Independent Power Corp			5		Parabolic Trough		Planning	
USA	Victorville Hybrid Gas-Solar Plant	Victorville, California	Inland Energy, Inc		563	50	8.88%	Parabolic Trough		Planning	
USA	Western Ranch	San Antonio, Texas	Tessera Solar			27		Dish Stirling		Planning	
USA	Westside Solar Project	Kauai, Hawaii	Pacific Light & Power			10		Parabolic Trough		Planning	
USA		Nevada	Brightsource Energy			1200		Power Tower		Planning	
USA	Ivanpah	Barstow, California	BrightSource Energy			468		Power Tower		Planning	
USA	Martin Next Generation Solar Energy Center	Martin Country, Florida	NextEra Energy Resources			75		Parabolic Trough		Under construction	January 2009 break ground
USA	Cameo Coal-Fired Hybrid Demonstration Project	Grand Junction, Colorado	Abengoa Solar			4		Parabolic Trough		Under construction	

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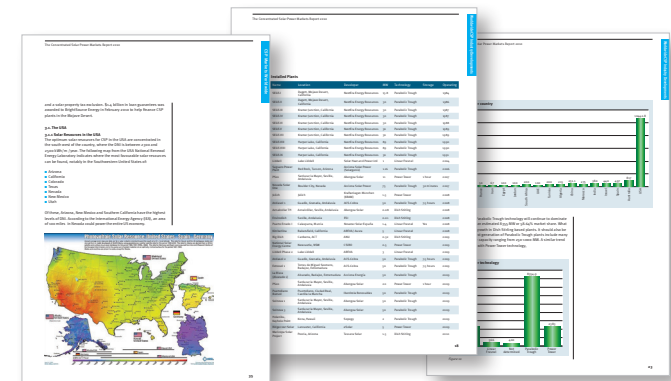
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